



# HP MultiSeat Computing Solution

## HP Solution Brief

A new curriculum for computing.

Easily put technology in the hands of more students without increasing your budget with HP MultiSeat, a complete PC sharing solution for your educational facility. The energy-efficient solution leverages the excess capacity of a single computer to deliver a full, personal PC experience to as many as ten students — each with their own independent session, monitor, keyboard and mouse. And now, students can be even more productive with additional USB access<sup>1</sup> on every HP t150 Zero Client for MultiSeat, letting students easily save files on a USB thumb drive to continue work at home or in other classes.

### Lessons in simplicity

With HP MultiSeat, you don't have to be an IT expert. Even non-technical staff can easily set-up, manage and use. Add computing seats with the simple plug-and-play USB connectivity of a thin client — no need for networking or to open the PC, the entire HP solution comes fully configured for your convenience. And with just one PC to manage for every 10 students, you won't be overextending your existing IT infrastructure.

### Less clutter, more learning

It's important to teach students that in many cases, less is more. Enjoy a clutter free environment without having to find as many electrical outlets. HP MultiSeat zero clients mount to the back of most monitors, and when paired with the affordable, 18-inch diagonal HP LE1851 wt Monitor, the HP t150 easily connects into the display's powered USB to create a streamlined "all-in-two" computing solution that requires just one power plug per station. Just connect the HP t100 or t150 Zero Clients into

the monitor, and HP MultiSeat ms6000 Series Desktop. This means fewer plugs, less strain on your IT budget, and more computing seats in your classroom.

### More affordable, responsible computing

You can stretch your district's dollars by reducing energy consumption up to 80 percent over individual desktops. Each solid-state HP t150 uses as little as 2.5 watts, and can reduce environmental heat and noise by up to 90% over traditional PC environments.

### Best in class quality and support

Trust industry leaders HP and Microsoft to earn an A+ when it comes to delivering rich, personal computing experiences. Powered by a single, reliable HP Compaq MultiSeat ms6000 Series Desktop with Microsoft Windows® MultiPoint™ Server 2011, HP MultiSeat Solution is the only complete PC-sharing solution of its kind from a single vendor to be fully licensed and supported by a Windows® operating system experience for up to 10 users.<sup>2</sup> Compatibility with the latest OS, security patches and updates are included.

HP MultiSeat Solution is ideal for those seeking a simple, low cost-per-seat computing solution:

- leverage excess capacity of one PC to deliver a familiar PC experience to multiple users,
- quick and simple deployment with plug-and-play USB connectivity,
- fully supported Windows® experience for up to 10 simultaneous users,<sup>2</sup>
- helps reduce energy costs, environmental heat and noise.

Get more seats with a shared resource computing solution from HP.



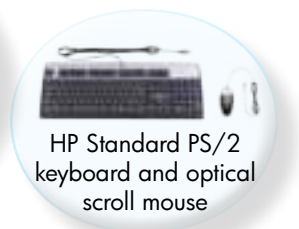
HP Compaq MultiSeat ms6000 Series Desktop



HP t100 or t150 Zero Client for MultiSeat



HP LE1851 wt Monitor with HP t150 mounted



HP Standard PS/2 keyboard and optical scroll mouse



## HP MultiSeat Computing Solution – HP Solution Brief

### HP t100 or t150 Zero Client for MultiSeat

Plugs into host PC via USB, no power adapter required.<sup>3</sup> Microsoft MultiPoint Client Access License (CAL) included.

### HP Compaq MultiSeat ms6000 Series Desktop

Available with choice of AMD or Intel processors<sup>4</sup>; Pre-installed Windows MultiPoint Server 2011.

### HP LE1851wt 18.5-inch Widescreen LCD Monitor

The power pass-through feature means you only need one power plug per station.

### Microsoft MultiPoint Server 2011

Microsoft software for shared resource computing, providing a familiar Windows® experience to each user.

### Options and accessories

Get reliable HP PS/2 keyboards and mice, HP LCD monitors, 3/5mm headsets, and speakers for a total solution.

Type	Component	Description
HP MultiSeat Desktops	HP Compaq MultiSeat ms6200 Desktop (small form factor)	Intel® Core™ i5, Intel® Q65 Express chipset; 4GB <sup>5</sup> DDR3 (1333 MHz) memory and 250 GB <sup>6</sup> SATA 6.0Gb/s hard drive. Choose BM458AW Standard OEM Edition (includes Microsoft Windows MultiPoint Server 2011 Certificate of Authenticity COA) or BM460AW Academic Volume License Edition (does not include Microsoft COA).
	HP Compaq MultiSeat ms6005 Desktop (small form factor)	AMD® Athlon II X2, AMD® 785G chipset; 2GB <sup>5</sup> DDR3 (1333 MHz) memory and 250 GB <sup>6</sup> SATA 3.0Gb/s hard drive. QM952AW Academic Volume License Edition (does not include Microsoft COA)
	HP Compaq MultiSeat ms6200 Desktop (small form factor)	Intel® Core™ i7, Intel® Q65 Express chipset; 8GB <sup>5</sup> DDR3 (1333 MHz) memory and 500 GB <sup>6</sup> SATA 6.0Gb/s hard drive. Choose BM459AW Standard OEM Edition (includes Microsoft Windows MultiPoint Server 2010 Certificate of Authenticity COA), or BM461AW Academic Volume License Edition (does not include Microsoft COA).
	HP Compaq MultiSeat ms6005 Desktop (small form factor)	AMD® Phenom II X4, AMD® 785G chipset; 8GB <sup>5</sup> DDR3 (1333 MHz) memory and 500 GB <sup>6</sup> SATA 3.0Gb/s hard drive. QM953AW Academic Volume License Edition (does not include Microsoft COA)
HP Zero Clients for MultiSeat	HP t100 Zero Client for MultiSeat	USB Type B cable included for easy deployment; PS/2, audio in/out and VGA monitor ports BM490AA (includes Microsoft Windows MultiPoint Server Client Access License CAL) WB216AA (does not include Microsoft CAL)
	HP t150 Zero Client for MultiSeat	USB Type B cable included for easy deployment; 2 USB 2.0, PS/2, audio in/out and VGA monitor ports; optional external power supply QM176AA (includes Microsoft Windows MultiPoint Server Client Access License CAL) QM177AA (does not include Microsoft CAL)
Options for MultiSeat	HP Compaq LE1851 wt 18.5-inch Widescreen LCD Monitor	The HP Compaq LE1851 wt 18-inch Widescreen LCD Monitor is the only HP monitor that can supply power to the HP t150 Zero Client for MultiSeat.

## How to buy

HP Thin Clients — [www.hp.com/go/thincomputing](http://www.hp.com/go/thincomputing)

HP MultiSeat Solution — [www.hp.com/go/multiseat](http://www.hp.com/go/multiseat)

1. Data on USB devices is accessible by all users of the shared host system when using Windows MultiPoint Server 2010. Data on USB devices is private (accessible only to the individual t150 station) when using Windows MultiPoint Server 2011. 2. Up to 10 users are supported with additional hardware. Number of users supported and performance will vary with hardware, application(s) and environment. Test your applications to determine an appropriate number of users per host PC. 3. Optional external power adapter required on the HP MultiSeat t150 when using high-powered USB devices. 4. 64-bit computing on Intel architecture requires a computer system with a processor, chipset, BIOS, operating system, device drivers and applications enabled for Intel® 64 architecture. Processors will not operate (including 32-bit operation) without an Intel 64 architecture-enabled BIOS. Performance will vary depending on your hardware and software configurations. See [www.intel.com/info/em64t](http://www.intel.com/info/em64t) for more information. Dual/Quad Core is designed to improve performance of certain software products. Not all customers will necessarily benefit from the use of this technology. Intel's numbering is not a measurement of higher performance. 5. Maximum memory capacities assume Windows 64-bit operating systems or Linux. With Windows 32-bit operating systems, memory above 3 GB may not all be available due to system resource requirements. 6. For hard drive, GB = 1 billion bytes; TB = 1 trillion bytes. Actual formatted capacity is less. Up to 16GB (for Windows 7) of system disc is reserved for system recovery software. 7. Service levels and response times for HP Care Pack Services may vary depending on geographic location. Restrictions and limitations apply. Service starts at date of hardware purchase. For details, visit [www.hp.com/go/carepack](http://www.hp.com/go/carepack).

©2011 Hewlett-Packard Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein. Microsoft and Windows are registered U.S. trademarks of the Microsoft group of companies. Intel and Core are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries.

May 2011

